

## INTERNATIONAL SEARCH REPORT

International Application No

I IB2004/052271

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 H04L1/00 H04L1/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 735 774 A (AT&T IPM CORP) 2 October 1996 (1996-10-02) abstract	1-8, 10-13
Y	column 3, line 5 - column 7, line 41 column 10, line 51 - line 57 column 13, line 23 - line 37 figures 5E, 6A, 6B, 6C	9
Y	EP 1 069 735 A (LUCENT TECHNOLOGIES INC) 17 January 2001 (2001-01-17) column 1, line 54 - column 2, line 16	9
A	WO 02/096006 A2 (NOKIA CORPORATION; NOKIA INC) 28 November 2002 (2002-11-28) abstract page 16, line 28 - page 17, line 15 figure 2	1-13
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\* & \* document member of the same patent family

Date of the actual completion of the international search

4 February 2005

Date of mailing of the international search report

14/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	"3 GPP TS 25.212 (V5.2.0) Technical specification group radio access network: multiplexing and channel coding (FDD)" 3GPP TS 25.212 V5.2.0, XX, XX, September 2002 (2002-09), pages 1-74, XP002270602 cited in the application the whole document -----	

## INTERNATIONAL SEARCH REPORT

Initial Application No

B2004/052271

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0735774	A	02-10-1996	US 5671156 A	23-09-1997
			CA 2172567 A1	01-10-1996
			EP 0735774 A2	02-10-1996
			JP 8289295 A	01-11-1996
			US 5581481 A	03-12-1996
EP 1069735	A	17-01-2001	CA 2313022 A1	08-01-2001
			EP 1069735 A2	17-01-2001
			JP 2001045093 A	16-02-2001
WO 02096006	A2	28-11-2002	BR 0209809 A	01-06-2004
			CA 2446700 A1	28-11-2002
			EP 1388234 A2	11-02-2004
			JP 2004527979 T	09-09-2004
			US 2002172208 A1	21-11-2002
			ZA 200308486 A	01-07-2004